

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IB2004/052709

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03M13/29 H03M13/45

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03M H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GARRETT D ET AL: "ENERGY EFFICIENT TURBO DECODING FOR 3G MOBILE" PROCEEDINGS OF THE 2001 INTERNATIONAL SYMPOSIUM ON LOW POWER ELECTRONICS AND DESIGN ISLPED, HUNTINGTON BEACH, CA, USA, 6 August 2001 (2001-08-06), pages 328-333, XP001134631 ISBN: 1-58113-371-5 abstract pages 328-331</p> <p style="text-align: center;">----- -/-</p>	1-11

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

3 February 2005

Date of mailing of the international search report

23/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ZHONGFENG WANG ET AL: "VLSI implementation issues of TURBO decoder design for wireless applications" PROC. IEEE WORKSHOP ON SIGNAL PROCESSING SYSTEMS SIPS 99, TAIPEI, TAIWAN, 20 October 1999 (1999-10-20), pages 503-512, XP010370879 ISBN: 0-7803-5650-0 page 506 - page 507 page 510 - page 511</p>	1-11
A	<p>SUN MINYING ET AL: "On the fixed-point implementation of turbo code in 3G system" PROC. MOBILE AND WIRELESS COMMUNICATIONS CONFERENCE, SINGAPORE, 23 October 2002 (2002-10-23), pages 267-274, XP009043427 ISBN: 1-4020-7250-3 abstract page 270 - page 273</p>	1-11
A	<p>ABBASFAR A ET AL: "An efficient and practical architecture for high speed turbo decoders" PROC. OF VEHICULAR TECHNOLOGY CONFERENCE 2003, ORLANDO, USA, 6 October 2003 (2003-10-06), pages 337-341Vol11, XP010700880 ISBN: 0-7803-7954-3 page 338 - page 339 page 340</p>	1-11
A	<p>KAZA J ET AL: "Energy-efficient turbo decoder" PROC. 2002 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, vol. 3, 13 May 2002 (2002-05-13), pages 3093-3096, XP002316043 ISBN: 0-7803-7402-9 page 3093 - page 3095</p>	1-11
A	<p>FREY B J ET AL: "EARLY DETECTION AND TRELLIS SPLICING: REDUCED-COMPLEXITY ITERATIVE DECODING" IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. 16, no. 2, February 1998 (1998-02), pages 153-159, XP000741770 ISSN: 0733-8716 cited in the application the whole document</p>	1-11